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Dated: 7/27/06

Signature:

*Joanne Ryan*  
(Joanne Ryan)

Docket No.: BBNT-P01-247  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Jerry D. Burchfiel

Application No.: 10/671023

Confirmation No.: 7840

Filed: September 25, 2003

Art Unit: 2618

For: SYSTEMS AND METHODS FOR  
IMPLEMENTING VECTOR MODELS FOR  
ANTENNA COMMUNICATIONS

Examiner: C. C. Chow

**RESPONSE TO RESTRICTION REQUIREMENT**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the restriction requirement set forth in the Office Action mailed June 13, 2006, Applicant submits the following remarks:

Remarks begin on page 2 of this paper.